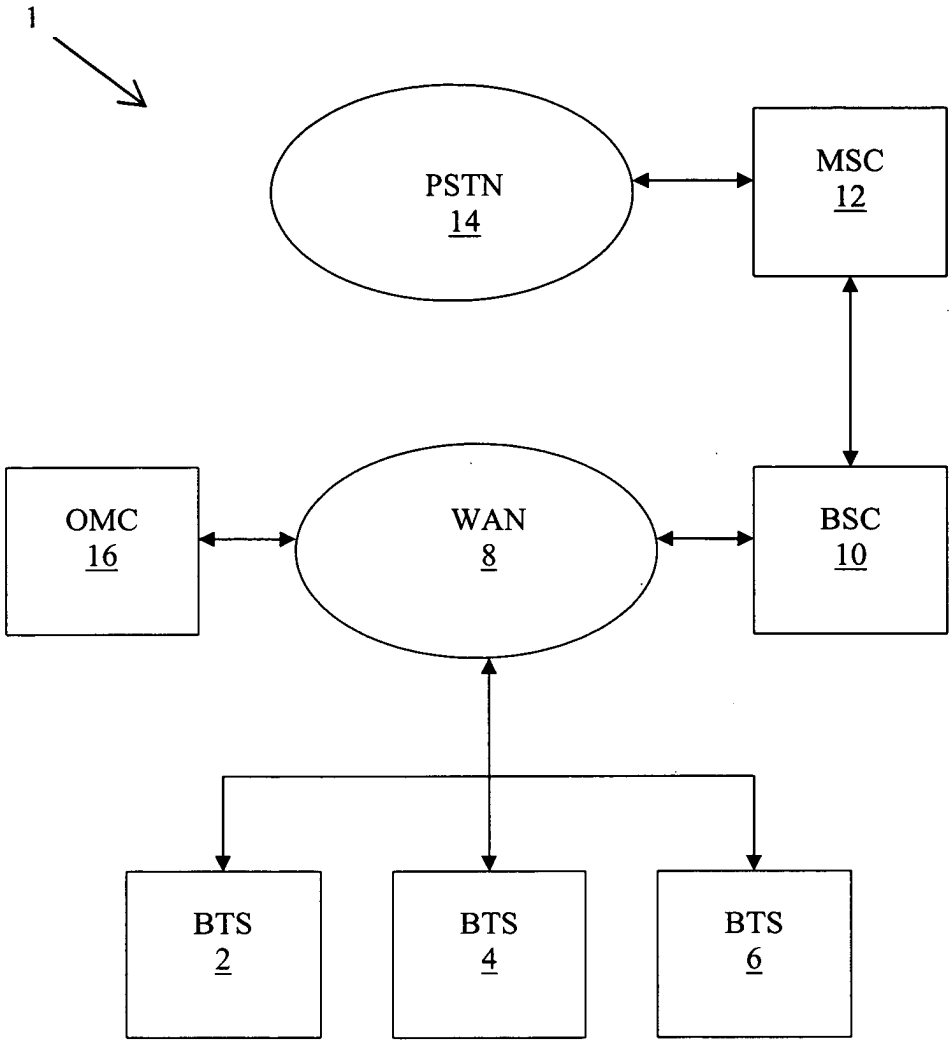

FIG. 1

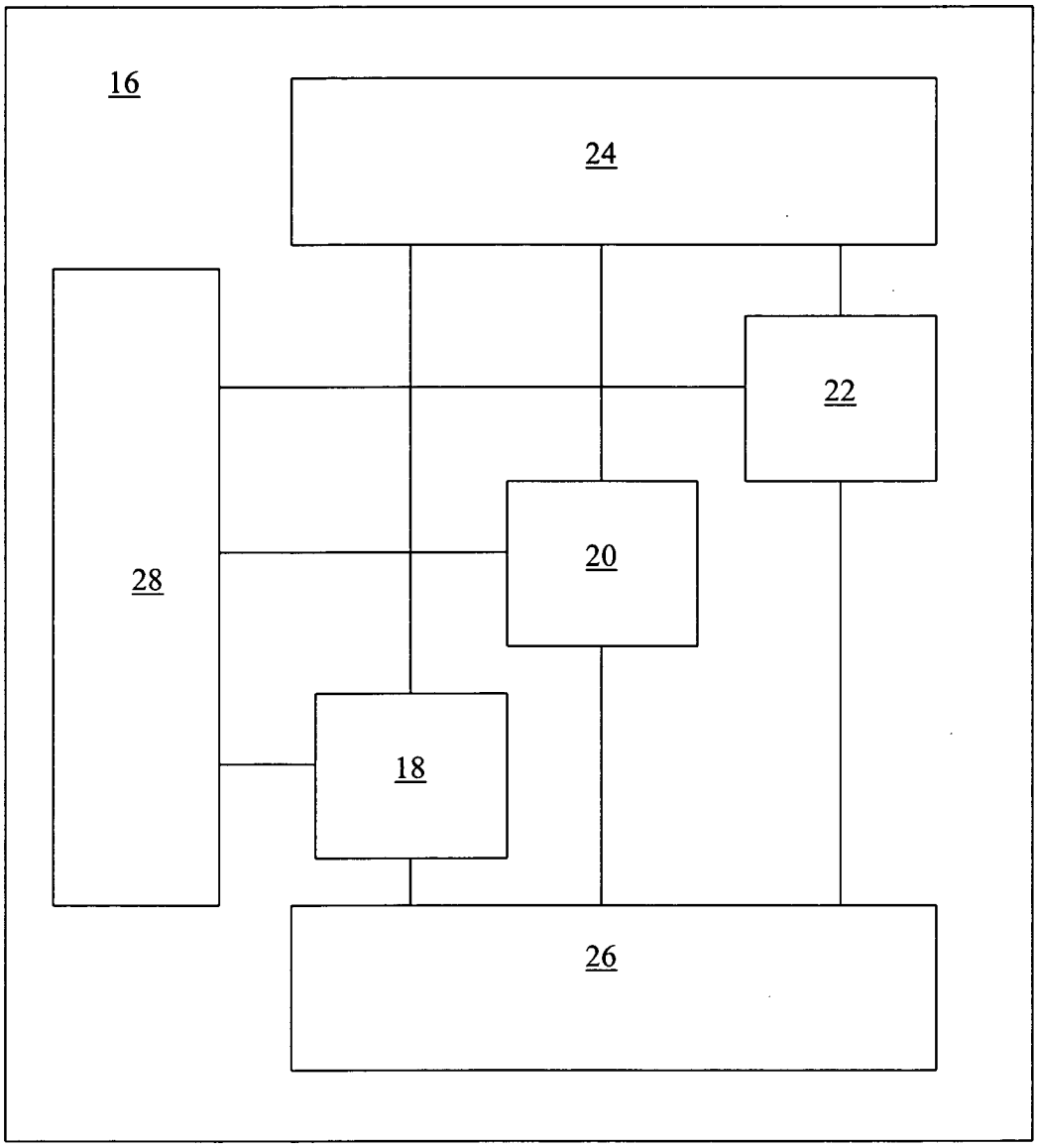

FIG. 2

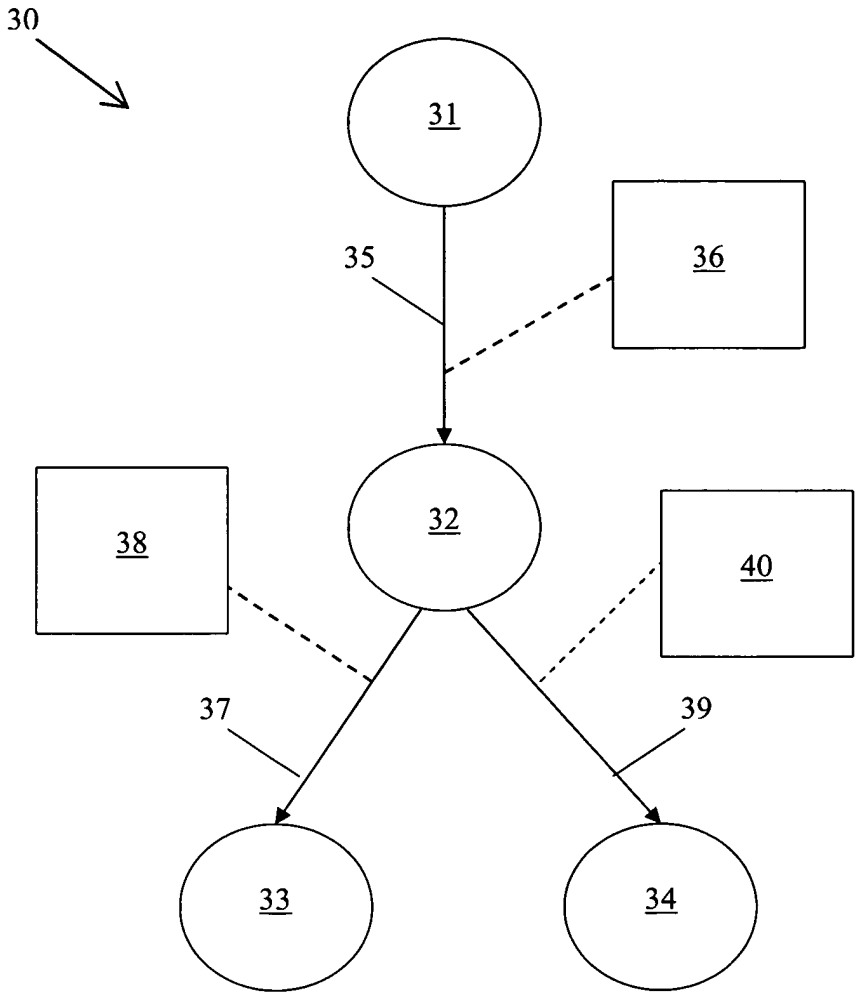

FIG. 3

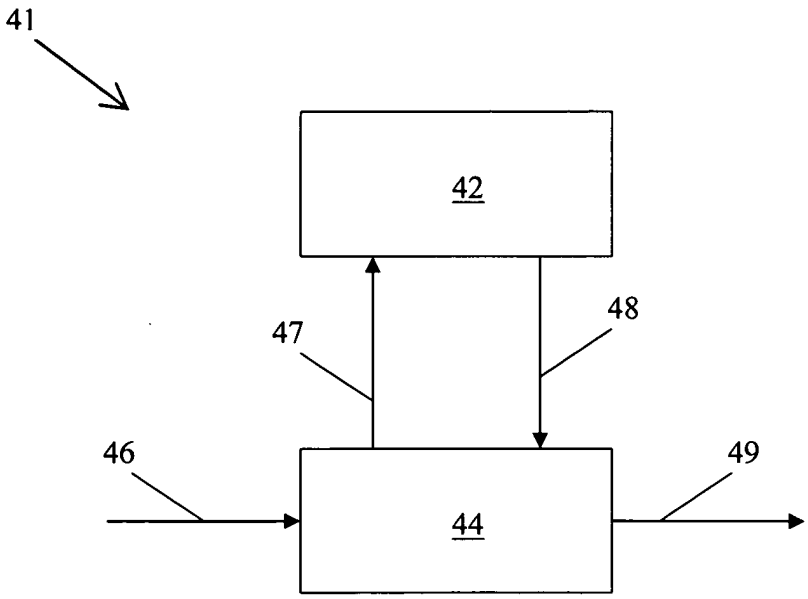

FIG. 4

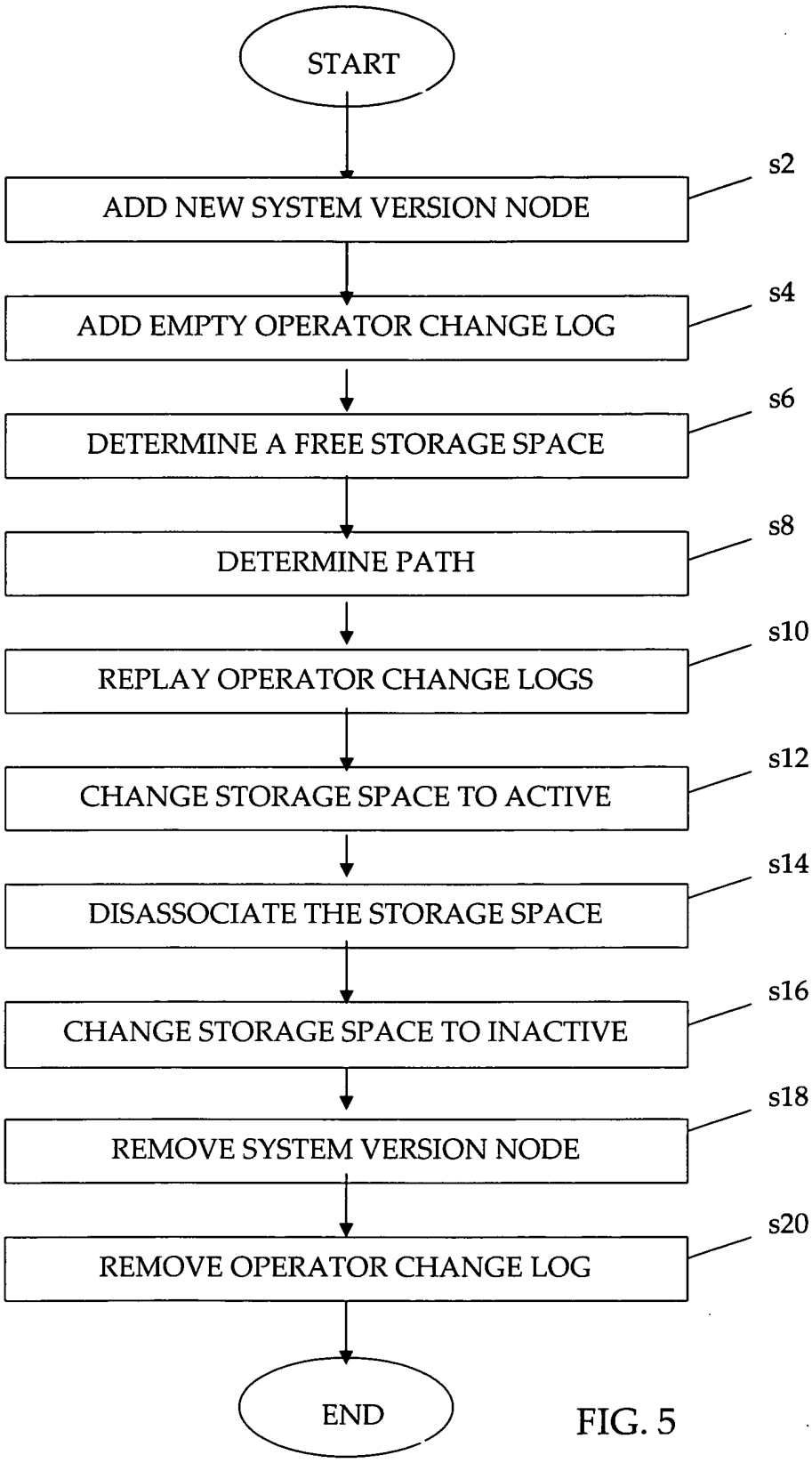
START
ADD NEW SYSTEM VERSION NODE
s2
ADD EMPTY OPERATOR CHANGE LOG
s4
DETERMINE A FREE STORAGE SPACE
s6
DETERMINE PATH
s8
REPLAY OPERATOR CHANGE LOGS
s10
CHANGE STORAGE SPACE TO ACTIVE
s12
DISASSOCIATE THE STORAGE SPACE
s14
CHANGE STORAGE SPACE TO INACTIVE
s16
REMOVE SYSTEM VERSION NODE
s18
REMOVE OPERATOR CHANGE LOG
s20
END

FIG. 5